



OIPF

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/723,703

DATE: 04/30/2002

TIME: 13:59:52

Input Set : N:\Crf3\RULE60\09723703.raw

Output Set: N:\CRF3\04302002\I723703.raw

ENTERED

1 <110> APPLICANT: Botstein, David
 2 Goddard, Audrey
 3 Lawrence, David A.
 4 Pennica, Diane
 5 Roy, Margaret A.
 6 Wood, William I.
 7 <120> TITLE OF INVENTION: Cardiotrophin-1 Compositions and Methods for the
 8 Treatment of Tumor
 9 <130> FILE REFERENCE: P2533
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 11 <141> CURRENT FILING DATE: 2000-11-28
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 26 <212> TYPE: DNA
 27 <213> ORGANISM: Human
 28 <400> SEQUENCE: 1
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 31 ggaggccaag atccgtcaga cacacagcct tgcgcacctc ctcaccaaatt 150
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 36 cgccaggccg agctgaacct gcgcgcgcgc cgctgtctgc gccgcctgga 400
 37 ggacgcggcg cgccaggccc gggccctggg cgccgcctg gaggccttgc 450
 38 tggccgcgct gggcgccgcg aaccgcgggc ccggggccga gcccccgcc 500
 39 gccaccgcct cagccgcctc cgccaccggg gtcttcccc ccaagggtgct 550
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47  agctgggact acaggcacgc gccaccacag ccggctaatt ttttatttaa 950
48  tttttttag agacgaggtt tcgccatgtt gccaggctg gtcttgaact 1000
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68  aggtggagtg agcctgagga aggtggctga gatgcggagt agccttcccc 150
69  ccataggacc agcaggcacg cccctggcca gggaagcaca gagagacggc 200
70  cagatgggga caaggagaga aggtgtcacc tccttgagat aaggctgaga 250
71  tgtacacatg tgctaccaca gggccacgag aaggcaggaa gtggggatgg 300
72  aaaaaacaga gacaccccaa gagctgggta aagggggagg ccaaagggaa 350
73  ctgaggcagg cccaaggaa gaggagagc aagaaaatgg tagactcaga 400
74  cggagttacc atgcagacga ggaggggtcca agagttaaga gaacggggca 450
75  ggcaaagcaa agagaggctg ggaaagtggc tcacgcctgc aatcccagca 500
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77  agcctgggca acatggcgaa acctcgtctc taaaaaaat taaataaaaa 600
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82  agagcagaca gacagacacc gacagcggca gagaaagaca aagaagcgga 850
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85  ctgagccact cgcggtagag gccgcaaacg cggagcccca gcaccttggc 1000
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91  cgctcgtgca ctggcagccc cgcgtggctc ggagccgggg cgctcaggcc 1300
92  ggccaccggc agccgcggcg gcgagaagct gggcagcccg aaggggtctc 1350
93  cctggagctg cacatattcc tggagcagct gctcagccta tttggtgagg 1400
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101 <213> ORGANISM: Human
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105      Ser Val Ser Leu Leu Pro His Leu Glu Ala Lys Ile Arg Gln Thr
106      20          25          30
107      His Ser Leu Ala His Leu Leu Thr Lys Tyr Ala Glu Gln Leu Leu
108      35          40          45
109      Gln Glu Tyr Val Gln Leu Gln Gly Asp Pro Phe Gly Leu Pro Ser
110      50          55          60
111      Phe Ser Pro Pro Arg Leu Pro Val Ala Gly Leu Ser Ala Pro Ala
112      65          70          75
113      Pro Ser His Ala Gly Leu Pro Val His Glu Arg Leu Arg Leu Asp
114      80          85          90
115      Ala Ala Ala Leu Ala Ala Leu Pro Pro Leu Leu Asp Ala Val Cys
116      95          100          105
117      Arg Arg Gln Ala Glu Leu Asn Pro Arg Ala Pro Arg Leu Leu Arg
118      110          115          120
119      Arg Leu Glu Asp Ala Ala Arg Gln Ala Arg Ala Leu Gly Ala Ala
120      125          130          135
121      Val Glu Ala Leu Leu Ala Ala Leu Gly Ala Ala Asn Arg Gly Pro
122      140          145          150
123      Arg Ala Glu Pro Pro Ala Ala Thr Ala Ser Ala Ala Ser Ala Thr
124      155          160          165
125      Gly Val Phe Pro Ala Lys Val Leu Gly Leu Arg Val Cys Gly Leu
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129      Leu Pro Gly Gly Ser Ala
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135 <213> ORGANISM: Human
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142 <213> ORGANISM: Human
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VERIFICATION SUMMARY

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Output Set: N:\CRF3\04302002\I723703.raw

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L:15 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
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L:19 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:21 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD